

ABSTRACT OF THE DISCLOSURE

Flexible abrasive sheet materials having annular bands of precise height flat-
5 topped raised island structures that are coated with a mono layer of abrasive particles or
abrasive agglomerates, processes for manufacture of the abrasive sheet materials, processes for
using the abrasive sheeting in high speed lapping/abrading processes, and apparatus for using
the abrasive sheeting are described. The process for manufacturing the abrasive sheeting
provides an economical method for providing an improved configuration of abrasive sheeting
10 that can provide precisely flat workpiece surfaces that are also highly polished.